R50A

Ultra Mobile PC

User Manual

E3850

First Edition
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About this guide

This user guide provides information on the various components of the Ultra Mobile PC (UMPC) and how to use them.

How this guide is organized

- **Chapter 1: Getting started**

  This chapter describes the features of your UMPC.

- **Chapter 2: Using your UMPC**

  This chapter provides you the steps in using your UMPC.

- **Chapter 3: Multimedia features**

  This chapter provides you with information on the multimedia features of your UMPC.

- **Chapter 4: Getting connected**

  This chapter provides you with information on the connection features of your UMPC.

- **Troubleshooting**

  This chapter provides you with solutions to some problems in using the UMPC.

- **Appendices**

  This chapter provides you with additional information.

Conventions used in this guide

To ensure that you perform certain tasks properly, take note of the following symbols used throughout this manual.

DANGER/WARNING: Information to prevent injury to yourself when trying to complete a task.

CAUTION: Information to prevent damage to the components when trying to complete a task.

IMPORTANT: Instructions that you MUST follow to complete a task.

NOTE: Tips and additional information to help you complete a task.

Safety information

IMPORTANT! Disconnect the AC power and remove the battery pack before cleaning. Wipe the UMPC using a clean cellulose sponge or chamois cloth dampened with a solution of nonabrasive detergent and a few drops of warm water then remove any extra moisture with a dry cloth.

DO NOT place on uneven or unstable work surfaces. Seek servicing if the casing has been damaged.

DO NOT place or drop objects on top and do not shove any foreign objects into the UMPC.

DO NOT scratch the display panel. Do not place together with small items that may scratch or enter the UMPC vents.

DO NOT expose to strong magnetic or electrical fields.

DO NOT expose to dirty or dusty environments. **DO NOT** operate during a gas leak.

DO NOT expose to or use near liquids, rain, or moisture.

DO NOT leave the UMPC on your lap or any part of the body in order to prevent discomfort or injury from heat exposure.

Battery safety warning:

DO NOT throw the battery in fire.

DO NOT short circuit the contacts.

DO NOT disassemble the battery.

SAFE TEMP: This UMPC should only be used in environments with ambient temperatures between 5°C (41°F) and 35°C (95°F)

INPUT RATING: Refer to the rating label on the bottom of the UMPC and ensure that your power adapter complies with the rating.

DO NOT throw the UMPC in municipal waste. Check local regulations for disposal of electronic products.

DO NOT carry or cover a UMPC that is powered ON with any materials that will reduce air circulation such as a carrying bag.

Transportation Precautions

To prepare the UMPC for transport, turn it OFF and **disconnect all external peripherals to prevent damage to the connectors**. The hard disk drive's head retracts when the power is turned OFF to prevent scratching of the hard disk surface during transport. Hence, do not transport the UMPC while it is still turned ON.

Cover Your UMPC

Cover your UMPC with the bundled protection bag to protect it from dirt, water, shock, and scratches.

Charge Your Batteries

If you intend to use battery power, be sure to fully charge your battery pack and any optional battery packs before going on long trips. Remember that the power adapter charges the battery pack as long as it is plugged into the computer and an AC power source. Be aware that it takes much longer to charge the battery pack when the UMPC is in use.

Airplane Precautions

Contact your airline if you want to use the UMPC onboard the aircraft. Most airlines restrict the use of electronic devices. Most airlines only allow the use of electronic devices between and not during takeoffs and landings.

CAUTION: There are three main types of airport security devices: X-ray machines (used on items placed on conveyor belts), magnetic detectors (used on people walking through security checks), and magnetic wands (hand-held devices used on people or individual items). You can send your UMPC through airport X-ray machines. However, it is recommended that you do not send your UMPC through airport magnetic detectors or expose them to magnetic wands.

Package contents

Standard items

Check your UMPC package for the following items:

Standard Items	
• R50A UMPC	• Protection bag
• Mini-USB audio cable	• DigiPen stylus
• 10-pin VGA out cable	• User Guide
• Screen protector	• Quick Start Guide
• Adapter	• Driver CD
• Adapter plug	• Recovery DVD
• Wrist strap	• Earphone
• USB keyboard	• Earphone plug

NOTE: If any of the above items is damaged or missing, contact your retailer.

Optional items

Use the following items with your UMPC:

Optional Items	
• Car charger	• TV external antenna
• Car holder	• TV external antenna for car
• GPS antenna	• USB external ODD
• Bluetooth mouse	• ODD USB cable
• USB port bar (ACP45)	• ODD charger

NOTE: Optional items are purchased separately and are not included in the UMPC package.

Special features

Product highlights

Power and Mobility

ASUS R50A provides you with a secure and convenient computing experience. It offers a smart balance between mobility and performance with comprehensive security features that protect both software and hardware solutions.

Portable and lightweight design

ASUS R50A's portable and lightweight design is packed with computing, multimedia, and connectivity features. It packs all the latest technologies that allow you to surf the Internet, connect to your network wirelessly, find locations, or other tasks that you would normally do on a standard desktop PC.

Connection features

ASUS R50A's built-in Bluetooth 2.0 EDR (Enhanced Data Rate), and WLAN 802.11 a/b/g offer you high-speed Internet and wireless network connections.

GPS navigation

ASUS R50A provides you with a comprehensive travel guide via its built-in GPS transceiver. It enables you to find directions and navigate your way to places that you want to go to.

Solid Security Management for Protected Computing

ASUS R50A offers a total data protection that meets the evolving security needs of both software and hardware solutions.

The protected computing starts with fingerprint authentication that grants strict access only to the authorized user. For the most accurate reading, the electronic imaging mechanism scans fingerprint pattern from the live layer of the skin , bypassing any common skin surface conditions.

The exclusive ASUS Security Protect Management (ASPM) guards access to the device and network. Users can choose to setup multi-factor authentication requirements for different security levels while enjoying the Single Sign On (SSO) one-time login convenience without compromising security integrity.

Intuitive Usage Experience

ASUS R50A includes the Windows® Vista Tablet PC Edition with Touch Pack software and ergonomic hardware interface designs. With complete function keys laid out on both sides of the front panel, you can enjoy comfortable operation to a full set of control keys, including joystick, navigation keys, as well as on-screen keypad.

Easier and Safer Digital Data Transmission

ASUS R50A integrates secure digital media slot. It gives you the immediate benefit of easy file sharing with different devices and users, while opening the door for future technologies like secure digital I/O.

1 Getting started

In this chapter

- Proper posture when using your UMPC
- Getting to know your UMPC
- Getting your UMPC ready
- Starting up

Proper posture when using your UMPC

When using your UMPC, maintaining the proper posture is necessary to prevent strain to your wrists, hands, and other joints or muscles. This section provides you with tips on avoiding physical discomfort and possible injury while using and fully enjoying your UMPC.

Maintaining the proper posture

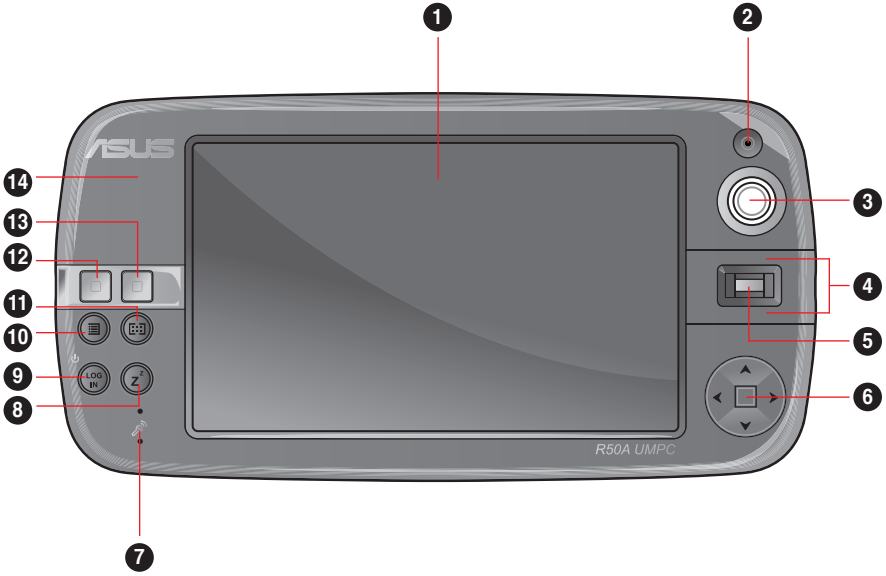
- Do not place your UMPC on your lap or close to your skin for a long time.
- Use your UMPC in a comfortably-lit and well-ventilated area.
- Always clean your UMPC's screen.
- While making or taking calls using your UMPC, use an external headphone.
- If you are going to use your UMPC for a long time:
  - Connect an external keyboard instead of using your UMPC's onscreen or virtual keyboard.
  - Attach an external mouse instead of using your UMPC's navigation buttons or joystick.
  - Place your UMPC in a universal docking station and adjust it so that your UMPC is within your line of sight.
  - Take mini-breaks from using your UMPC.

NOTES:

- For details on connecting an external keyboard or mouse to your UMPC, refer to the section **Getting your UMPC ready** in Chapter 1.
- A universal docking station is purchased separately and is not included in your UMPC package.

Getting to know your UMPC

Front features



Features	
1	**Display Panel** The 5.6-inch active matrix, 1024 x 600 resolution TFT LCD screen provides you with excellent viewing similar to that of desktop monitors.
2	**Front camera lens** This 0.3 megapixel built-in camera is used for video conferencing and other interactive applications.
3	**Joystick** This a pointing device that mimics the functions of a desktop mouse.

Features

4 Status indicators

Allows you to check the status of your battery, drive activity, WLAN, and Bluetooth. The LED notifies the following:

	Power • **White**: The UMPC is turned on. • **Blinking white**: The UMPC is in the Sleep/Standby mode. • **Off**: The UMPC is turned off or in Hibernation mode.
	Battery • **Red**: The battery is charging. • **Blinking red**: The battery capacity is less than 10%. • **Off**: The battery is fully-charged.
	HDD • **White**: The UMPC is accessing the hard disk drive. • **Blinking white**: The UMPC is in reading/writing mode.
	Message • **On**: There is an incoming message.
	WLAN • **On**: The built-in wireless LAN (WLAN) is enabled.
	Bluetooth • **On**: The built-in Bluetooth function is activated.
3G	**3G** • **On**: The 3G function is activated.
GPS	**GPS** • **On**: The GPS function is activated.

5 Fingerprint sensor

The built-in fingerprint sensor allows you to use your fingerprint as your identity key for added security.

6 5-way navigation buttons

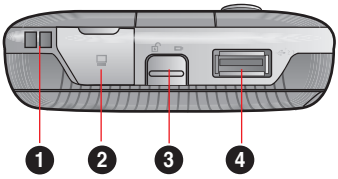
The arrow keys (left, right, up, down) and the enter key have the same functions as that on the keyboard.

7 Built-in microphone

The built-in mono microphone is used for video conferencing, voice narrations, or simple audio recordings.

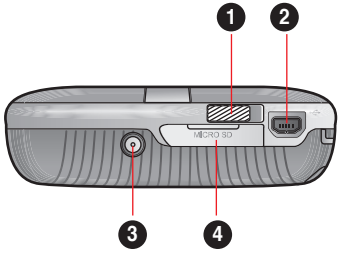
Features	
❽	**Sleep Mode button** Press this button to put your UMPC into Sleep mode. Slide down the power switch to awaken your UMPC from Sleep mode.
❾	**LOGIN button** The LOGIN button sends a [Ctrl + Alt +Del] keyboard combination to the operating system to show Windows Security for logging in/off, locking, shutting down, launching the task manager, or changing passwords. This special login feature is also known as Secure Attention Sequence (SAS).
❿	**UMPC Settings button** This allows you to set the brightness, volume, resolution or power mode of your UMPC.
⓫	**Windows® Media Center button** This launches the Windows® Media Center which allows you to view and play media files such as video clips, music files, or movies.
⓬	**Left button** This key mimics the left-click action of a conventional mouse.
⓭	**Right key** This key mimics the right-click action of a conventional mouse.
⓮	**GPS module location** This is the area where the GPS module is located.

Right features



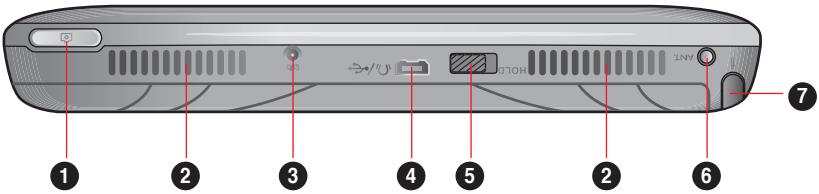
Features	
1	**Wrist strap hole** Attach the supplied wrist strap into this hole to prevent accidentally dropping the UMPC when holding it in your hands.
2	**VGA port** Use this port with the bundled VGA out cable to connect your UMPC to a monitor.
3	**Battery Lock** Keeps the battery secure. Press up then slide the back cover downward to detach the battery.
4	**USB Port (2.0)** Insert USB2.0 devices such as keyboards, pointing devices, hard disk drives, printers and scanners into this port.

Left features



Features	
1	**Power switch** Turns on/off the UMPC and puts it on Sleep/Standby or Hibernation mode.
2	**Mini-USB port** Insert external USB devices into this port.
3	**TV tuner port** Connect a TV antenna into this port. **NOTE**: The TV antenna is purchased separately and is not included in your UMPC package.
4	**MicroSD slot** Insert a microSD card into this slot.

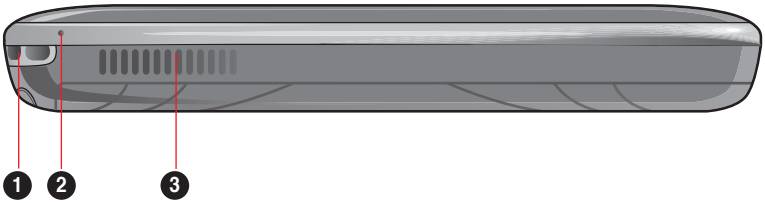
Top features



Features	
1	**Camera button** Press to launch the camera application and take photos or video clips.
2	**Speaker system** The built-in speaker system allows you to listen to rich and vibrant high-quality stereo sound.
3	**Power (DC) port** Insert the AC adapter into this port to connect your UMPC to an external power source.
4	**Headphone jack** Insert R50A headphone into this port.
5	**Hold key** Move this key to the left to disable the buttons and LCD of th UMPC.
6	**GPS port** Attach an external GPS antenna for better signal reception.
7	**Stylus** Like the mouse pointer on your UMPC, the stylus also mimics the functions of a desktop mouse such as left-click, double-click, or right-click.

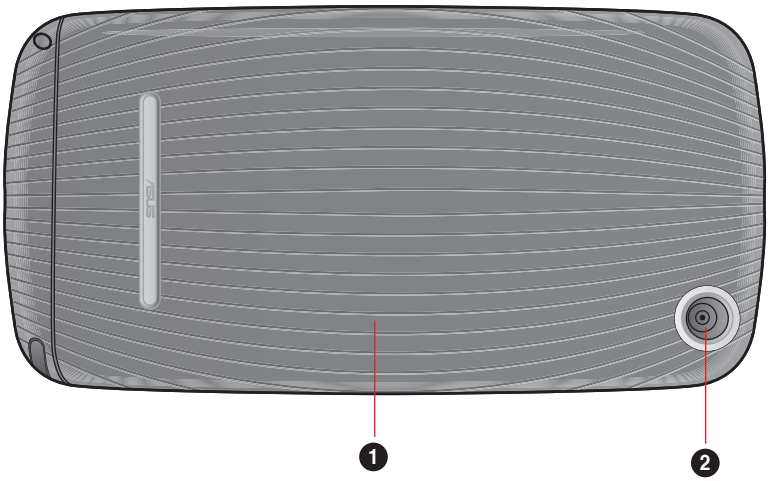
IMPORTANT! Underwriters Laboratories Inc. (“UL”) has not tested the performance or reliability of the Global Positioning System (“GPS”) hardware, operating software or other aspects of this product. UL has only tested for fire, shock or casualties as outlined in UL’s Standard(s) for Safety. UL60950-1 Certification does not cover the performance or reliability of the GPS hardware and GPS operating software. UL MAKES NO REPRESENTATIONS, WARRANTIES OR CERTIFICATIONS WHATSOEVER REGARDING THE PERFORMANCE OR RELIABILITY OF ANY GPS RELATED FUNCTIONS OF THIS PRODUCT.

Bottom features



Features	
1	**Wrist strap hole** Attach the supplied wrist strap into this hole to prevent accidentally dropping the UMPC when holding it in your hands.
2	**Reset button** Insert a sharp-pointed object such as a clip or a ballpen into this hole to reset your UMPC.
3	**Air vent** The air vent allows cool air to enter and warm air to exit the system.

Back features



Features	
1	**Battery Pack** The battery pack provides power to the UMPC. To charge the battery, connect the UMPC to an external power source using the AC adapter.
2	**Back camera lens** The 2.0 megapixel auto-focus built-in camera allows you to take photos or videos.

Getting your UMPC ready

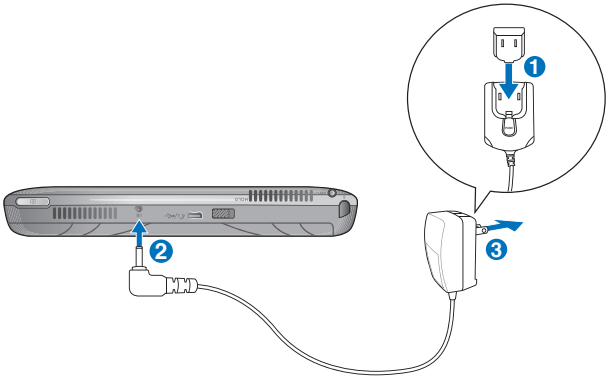
Before using the UMPC for the first time, ensure that the battery pack is fully charged.

Charging the battery pack

Your UMPC package comes with a universal AC-DC adapter which charges the battery pack, and in turn supplies power to your UMPC. You may connect the adapter to a 100-120V or 220V-240V outlet without setting switches or using power converters.

To charge the battery pack:

1. Connect the adapter plug to the AC adapter.
2. Connect the adapter to the DC port located at the top of the UMPC.
3. Plug the adapter to a power outlet.



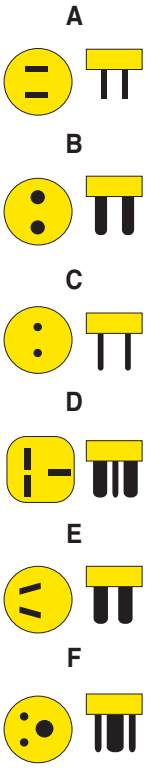
NOTES:

- Use only the AC/DC adapter provided in your UMPC package.
- Refer to the section **AC adapters** on the next page to determine the type of AC adapters applicable to the type of power plugs available in your area.

WARNING: The adapter may become warm to hot when in use. Keep the adapter away from your body.

AC Adapters

The following is the list of AC adapters that are compatible with various power plugs or sockets used in specific countries.

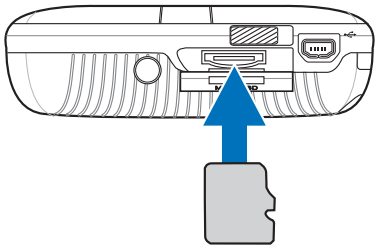


Area	Country/District	Voltage	Cycle	Socket
Asia	Korea	100.220	60	(A)(C)(E)
	Japan	100	50	(A)
	Hong Kong	200	50	(D)(F)
	Mainland China	220	50	(A)(C)(D)(E)(F)
	Philippines	220-230	60	(A)(C)(E)
	Thailand	220	50	(C)(D)
	Singapore	230	50	(B)(C)(D)
	India	230	50	(B)(C)
Oceania	Australia	240	50	(E)
	New Zeland	230	50	(E)
North America	USA	120	60	(A)
	Hawaii	120	60	(A)
	Guam, Saipan	120	60	(A)
	Canada	120	60	(A)
Central America	Mexico	127	60	(A)
Europe	United Kingdom	240	50	(D)
	France	127.220	50	(D)
	Italy	220	50	(C)
	Spain	127.220	50	(A)(C)
	Greece	220	50	(C)
	Sweden	220	50	(C)
	Austria	220	50	(C)
	Germany	220	50	(C)
	Netherlands	220	50	(C)
	Norway, Sweden	220	50	(C)
	Russia	127.220	50	(A)(C)

Installing/removing a microSD card

Your UMPC is equipped with a microSD card slot. A microSD card provides you with additional storage space for your files.

To install the microSD card:



1. Locate the microSD card slot at the left side of the UMPC.
2. Lift to open the slot cover.
3. With the golden fingers facing down, insert the microSD into the slot until it fits in place.
4. Replace the slot cover.

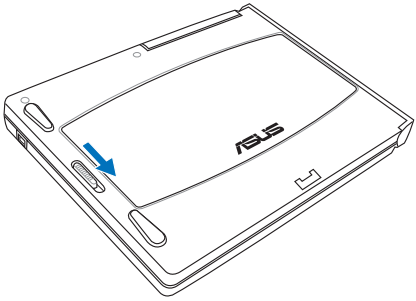
To remove the microSD card:

1. Lift to open the slot cover.
2. Push the card to eject, then remove the microSD card.
3. Replace the slot cover.

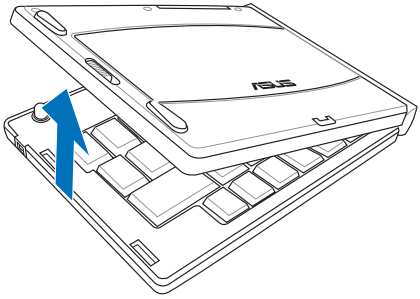
Installing an external foldable USB keyboard

To install an external foldable USB keyboard:

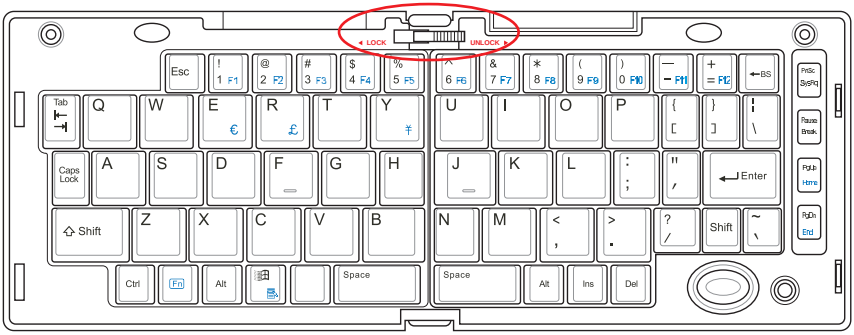
1. Slide the latch downward to unlock the USB keyboard.



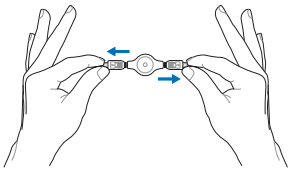
2. Gently pull up to open the keyboard.



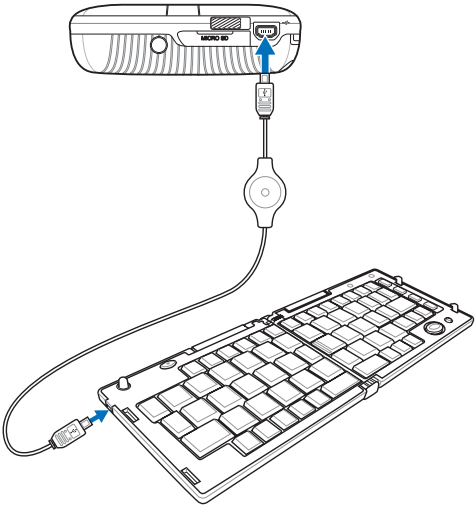
3. Locate the Lock/Unlock latch and slide the latch leftward to lock the keyboard in its open position.



4. Gently pull both ends of the mini-USB cable to extend it.



5. Connect the mini-USB cable to the mini-USB port on the USB keyboard, and connect the other end of the cable to the mini-USB port on the UMPC.

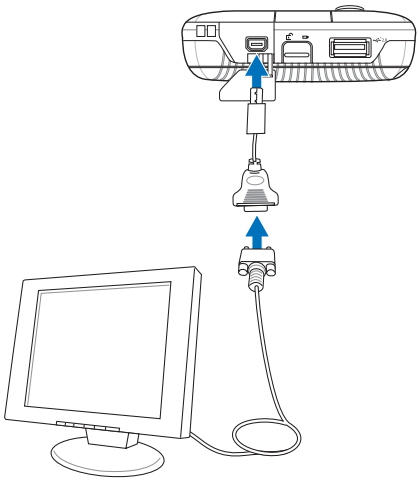


Connecting an external monitor

You can connect your UMPC to an external monitor. The screen display on the external monitor is synchronized with that on the LCD monitor of your UMPC. In this way, the lifespan of the LCD monitor is extended.

To connect your UMPC to an external monitor:

1. Turn off your UMPC.
2. Plug one end of the external monitor cable to a port on your UMPC and the other end to the 15-pin D connector of the external monitor.



CAUTION: Do not apply too much force in connecting your UMPC to an external monitor. The plug of the external monitor line fits in only one orientation.

To switch screen display after powering on your UMPC:

1. Turn on your UMPC.
2. Select from any of these display modes:
   a. Display on your UMPC and the external monitor (default).
   b. Different display on your UMPC and the external monitor.
   c. Display only on the external monitor.
3. Click **OK**.

To switch screen display manually:

1. Click > **Windows Media Center**.
2. Select **Connect to monitor**.
3. Select from the three modes.
4. Click **OK**.

To adjust the display resolution:

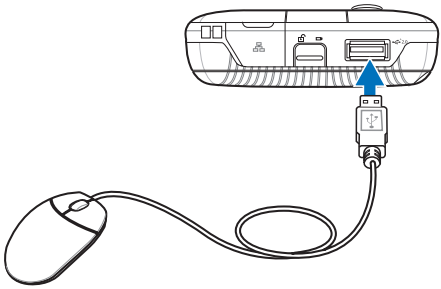
1. Right-click blank space from your desktop. Select **Contents** > **Personalize**.
2. Select the second monitor. Adjust the display resolution to the highest value.
3. Click **Apply**.

Connecting an external mouse (optional)

This UMPC comes with a few USB ports for connecting devices such as a USB keyboard / mouse.

To connect an external mouse:

- Connect the USB plug of your USB mouse to a USB port on your UMPC.



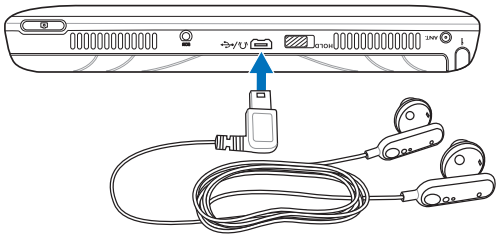
CAUTION: Do not apply too much force when connecting a USB keyboard / mouse to a USB port on your UMPC. The USB plug fits in only one correct orientation.

Connecting an external headphone

This UMPC comes with a Line Out port for connecting an external headphone or speaker.

To connect your UMPC to an external headphone:

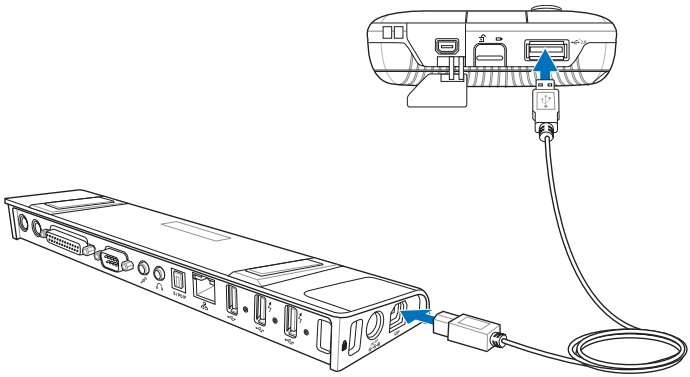
1. Connect your headphone to the headphone port on your UMPC.
1. Adjust the volume level on your UMPC and on the external headphone.



Connecting to a port bar (optional)

This optional external PortBar comes with a D-Sub port, S/PDIF Out port, LAN (RJ-45) port and USB 2.0/1.1 ports. Use this external PortBar to quickly connect peripherals, such as keyboard, mouse, or CRT monitor, to your UMPC.

NOTE: The port bar is purchased separately and is not included in your UMPC package.



IMPORTANT:

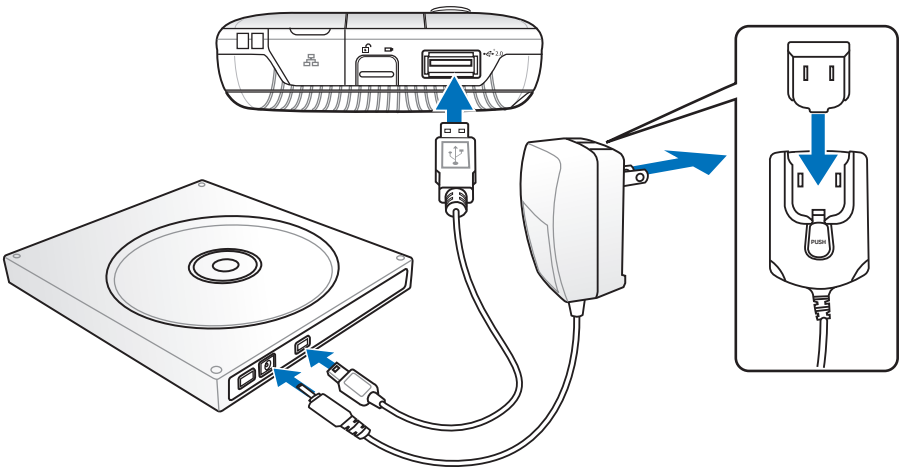
- Use an AC power adapter when using the port bar. The port bar cannot be used when the UMPC is in battery mode.
- We recommend that you use two AC power adapters (one on the UMPC and one on the port bar) when using all ports on both the UMPC and port bar.
- The port bar disables the UMPC's LAN port when connected.

Connecting an external ODD (optional)

To connect an external ODD:

1 Connect one end of the ODD USB cable to the mini-USB port at the back of the ODD and the other end to a USB port on your UMPC.

2. Connect the adapter plug to the ODD AC adapter.
3. Connect the adapter to the ODD's DC port.
4. Plug the ODD adapter to a power outlet.

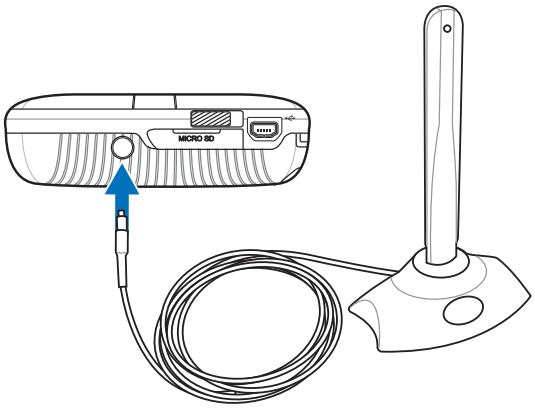


Connecting an external TV antenna (optional)

Connect your UMPC to a TV antenna for home or car use.

To connect an external TV antenna:

1. Connect the TV antenna cable to the antenna port on the left side of your UMPC.



2. Relocate or reorientate the antenna to get the best signal reception.
3. Click > **Programs** > **TVB-T Mobility** > **TVB-T Mobility** to launch the TV antenna application.
4. Select channels, adjust volumes, or record videos.

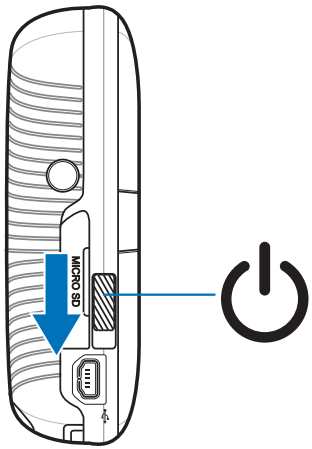
Starting up

Powering on your UMPC

Like a regular desktop PC, your UMPC automatically runs a series of diagnostic tests called Power-On Self Test (POST) upon turning it on. After POST is completed, your UMPC boots up, then its Windows® operating system starts automatically.

To power on your UMPC:

1. Locate the power switch at the left side of your UMPC.
2. Press the switch down to turn on the UMPC. The UMPC boots up, then the operating system starts automatically.
3. Use your UMPC as you would use a regular desktop PC.



NOTE: If your UMPC does not turn on, check if the Hold button is in Hold (red) mode or if the battery pack is charged.

Managing power settings

Your UMPC allows you to control and manage the power settings to save battery power, maximize system performance, or to achieve both.

Selecting a power plan

Your UMPC provides you with power plans, which are collections of power management settings. These power plans make use of the ASUS Power4 Gear eXtreme, an ASUS utility that allows you to adjust system settings such as display brightness and CPU frequency to maximize performance as well as to extend battery life.

To select a power plan:

1. From your UMPC screen, go to > **Control Panel** > **Classic View** > **Power Options.**
2. Select a power plan from these three existing power plans:

Power Plan	Description
Power4 Gear Entertainment	Provides high performance and saves battery power for online gaming or playing DVD.
Power4 Gear Battery Saving	Provides the longest battery life and reduces your UMPC's performance where possible.
Power4 Gear High Performance	Maximizes your UMPC's performance, but provides the shortest battery life.

3. To adjust the plan's settings, click **Change plan settings**. You may adjust the plan's sleep and display settings when your UMPC is **on battery** or **plugged in**.

   For more advanced settings, click **Change advanced power settings**.

Creating a power plan

To create a power plan:

1. From your UMPC screen, go to > **Control Panel** > **Classic View** > **Power Options.**
2. Click **Create a power plan**.
3. Select from these power plan options:

Power Plan	Description
Balanced	Balances your UMPC's performance with its energy usage.
Power saver	Provides you with the longest battery life and reduces your UMPC's performance where possible.
High performance	Maximizes your UMPC's performance, but uses more battery power.

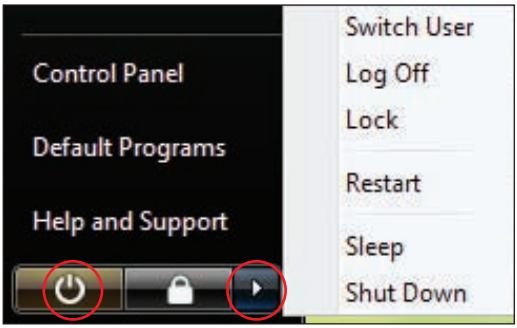
4. In the **Plan name** field, key in the name for your customized power plan, then click **Next**.
5. Make your desired settings, then click **Create**.

Putting your UMPC on Sleep mode

In Sleep mode, all open data and programs are saved to the physical memory (RAM) and puts your UMPC into a power-saving state.

To put your UMPC on Sleep mode, do any of the following:

1. Click > .
2. Click > > **Sleep**.
3. Press the Sleep button located at the front panel of your UMPC.



To awaken your UMPC from its Sleep mode, tap the LCD screen, or press down the Power button located at the left side of your UMPC.

2 Using your UMPC

In this chapter

- Navigating your UMPC
- Entering data
- Securing your UMPC
- Getting Windows® Help and Support

Navigating your UMPC

Use the buttons (arrow/enter buttons, joystick, left/right keys), the stylus, or gestures to select items or navigate through programs on your UMPC.

Using the navigation buttons

Left/right buttons

The left/right buttons perform the left-click and right-click functions of a conventional mouse.

Joystick

The joystick enables you to move the cursor around the screen. Use the joystick with the buttons (arrow/enter buttons and left/right buttons) to perform the functions of a conventional mouse.

5-way Navigation buttons

See the functions of these buttons on the next page.

5-way Navigation buttons

Button	FUNCTION
Left arrow	Press to scroll to the left of a page. On a menu list, press to launch the next menu to the left, or to close a submenu.
Right arrow	Press to scroll to the right of a page. On a menu list, press to launch the next menu to the right, or to launch a submenu.
Up arrow	Press to scroll up a page. On a selection option, press to move up the selection list.
Down arrow	Press to scroll down a page. On a selection option, press to move down the selection list.
Enter button	Press to confirm a command.

Using the stylus

Use the DigiPen stylus to select items or navigate through programs on your UMPC, as well as write characters or text using the input panel on your UMPC.

Like the navigation buttons, the DigiPen stylus also performs the functions of a conventional mouse.

Stylus functions

Stylus	Mouse	Function
Single tap	Single-click	Tap once to select an item.
Double tap	Double-click	Tap twice to run an item.
Press and hold	Right-click	Press and hold to display the mouse icon, then tap the right side of the mouse icon.
Press and drag	Drag	Press and drag the item, then move it.

NOTE: With a simple flick of your stylus, you can easily perform navigational and editing tasks such as copy, paste, undo, and delete. To practice using pen flicks, go to > **Tablet PC Pen Training**.

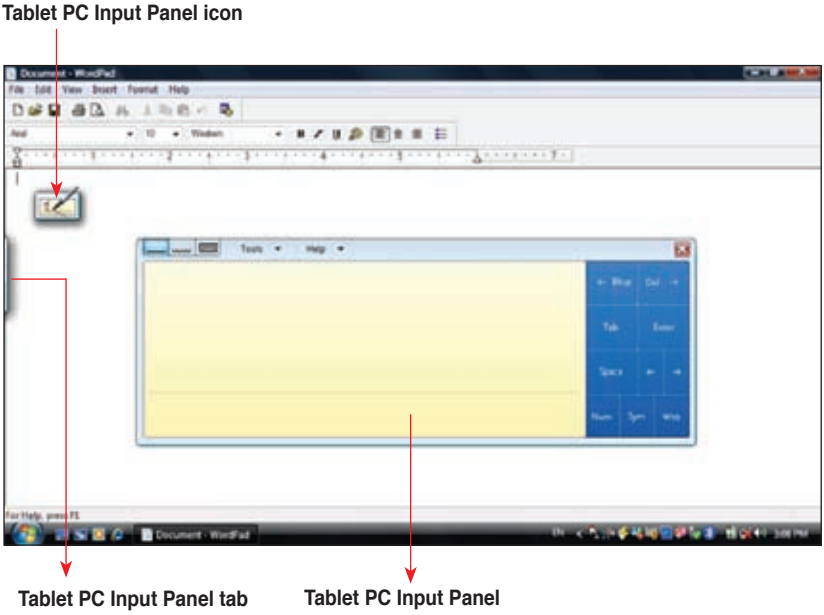
Entering data

You may use a bi-fold keyboard or the Tablet PC Input Panel to write text, characters, or symbols on your UMPC.

NOTE: The bi-fold keyboard is an optional accessory and is not included in your UMPC package.

Using the Tablet PC Input Panel

The Microsoft® Vista Tablet PC Input Panel enables you to enter text on your UMPC without using a standard keyboard. The Tablet PC Input Panel provides you with these three input methods: **Writing Pad**, **Character Pad**, and **On-screen Keyboard**.



To launch the Tablet PC Input Panel, do either of the following:

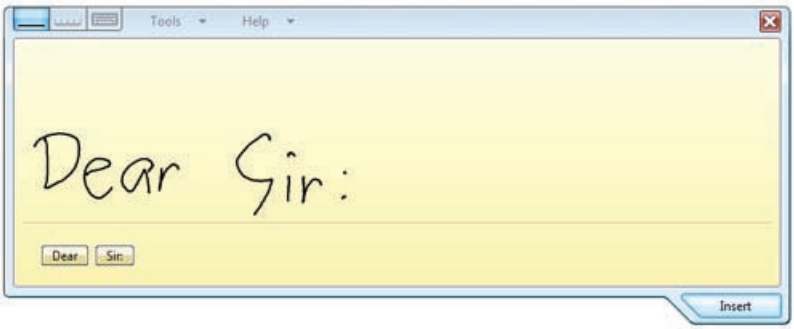
- Launch the application that you want to use such as a web browser or a word processor. Using your DigiPen stylus, tap on the Tablet PC icon .
- Tap the Input Panel tab at the left edge of your screen.

Using the Writing Pad

The Writing Pad allows you to write continuously, and converts your handwriting to typed text.

To use the Writing Pad:

1. Launch a word processor such as WordPad. To do this, go to > **All Programs** > **Accessories** > **WordPad**.
2. Tap to launch the Tablet PC Input Panel.
3. On the input panel, tap to launch the Writing Pad.
4. Using your DigiPen stylus, write on the screen as you would write on a piece of paper.



5. When done, tap **Insert** to enter the text on the WordPad.

IMPORTANT! Ensure that you write legibly.

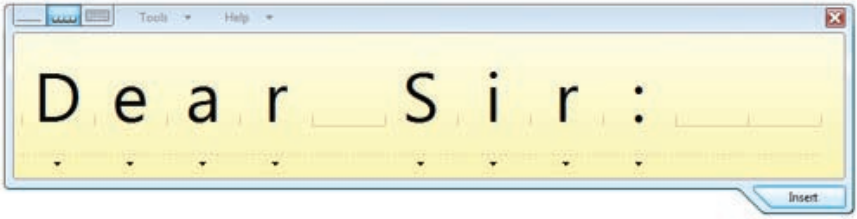
NOTE: Use gestures to delete text, or perform basic editing tasks such as inserting spaces and tabs. For more details, refer to the section **Using gestures** in this user manual.

Using the Character Pad

The Character Pad converts each of your handwritten text, symbol, or character into typed text one at a time.

To use the Character Pad:

1. Launch a word processor such as WordPad. To do this, go to > **All Programs** > **Accessories** > **WordPad**.
2. Tap to launch the Tablet PC Input Panel.
3. On the input panel, tap to launch the Character Pad.
4. Using your DigiPen stylus, write on the screen as you would write on a piece of paper. The Character Pad converts each handwritten character or text into typed text.



5. When done, tap **Insert** to enter the text on the WordPad.

IMPORTANT: Ensure that you write legibly.

NOTE: Use gestures to delete text, or perform basic editing tasks such as inserting spaces and tabs. For more details, refer to the section **Using gestures** in this user manual.

Using the On-screen Keyboard

The on-screen keyboard is a virtual keyboard that allows you to enter data using the stylus, mouse, or joystick.

To use the On-screen Keyboard:

1. Launch a word processor such as WordPad. To do this, go to > **All Programs** > **Accessories** > **WordPad**.
2. Tap to launch the Tablet PC Input Panel.
4. On the input panel, tap to launch the On-screen Keyboard.
5. Tap the keys that you want to enter.

Using gestures

Gestures are symbols that you draw, or movements that you make using your stylus. In the Tablet PC Input Panel, use gestures to delete text or perform basic editing tasks such as inserting spaces or tabs. Use two types of gestures in the Tablet PC Input Panel:

- **Scratch-out gestures** which make it easy to delete text when you are using the writing pad or the character pad.
- **Editing gestures** which you can use to perform some basic editing tasks such as inserting spaces and tabs.

Using scratch-out gestures

Use scratch-out gestures to delete text in the writing pad or in the character pad. The Microsoft® Vista Tablet PC edition includes the following scratch-out gestures:

- Vertical scratch-out (in an M or W pattern)
- Angled scratch-out

- Z-shaped scratch-out
- Circular scratch-out
- Vertical scratch-out

Using editing gestures

Use editing gestures in the writing pad or in the character pad. There are two sets of editing gestures that you can use:

- Common editing gestures used on handheld computers or PDA devices.
- Editing gestures from the Simplified Chinese (PRC) standard, GB/T 18790-2002, adopted by the Chinese government.

Editing gestures used on handheld computers

Symbol	Description
	Enter Draw a 90-degree angle between the downward an leftward sections of the stroke.
	Backspace Draw a long line.
	Space Draw a long line.
	Tab • Draw a 90-degree angle between the upward and rightward sections of the stroke. • Draw the rightward section of the stroke two to four times longer than the upward section.

Editing gestures from the Simplified Chinese (PRC) standard, GB/T 18790-2002

Symbol	Description
	Enter
	Backspace
	Space
	Tab

Selecting editing gestures

To select the editing gesture:

1. Launch the Tablet PC Input Panel.
2. Tab **Tools** > **Options** > **Gestures** tab.
3. From the Gestures tab, select **Use gestures commonly used on handheld computers** or **Use gestures from the Simplified Chinese (PRC) standard, GB/T 18790-2002**.

NOTE: For more details on gestures and other features of the Tablet PC Input Panel, refer to the **Help** menu of the Tablet PC Input Panel or to **Microsoft® Windows Help and Support**.

Calibrating the screen

Calibrating the screen ensures that the touchscreen feature of the UMPC works properly when tapped with the DigiPen stylus or with your finger.

To calibrate the screen:

1. Click > **Control Panel**.
2. From the **Classic View**, tap **Tablet PC Settings**.
3. From the **General** tab, click **Calibrate**.
4. Tap the center of each crosshair that appears near each corner to complete the calibration process.
5. When done, tap **OK** to save the calibration data.

Securing your UMPC

Using the ASUS Security Protect Manager

The Security Protect Manager enables you to use your registered credentials, such as your fingerprint data and password, to log on to Windows and other applications.

Registering your fingerprint data

The fingerprint sensor on the UMPC makes your device more secure from unauthorized access. With the fingerprint sensor, you can enter your fingerprint data as your authentication mechanism for your UMPC.

To register your fingerprint data:

1. Click > **Control Panel** > **ASUS Security Protect Manager**.
2. From the **Settings and Options** list, then **Multifactor Authentication**.
3. Select the **Credentials** tab, then **Fingerprint Authentication**.
4. Tap **Register** to launch the **ASUS Security Protect Manager Registration Wizard**.
5. Follow the onscreen instructions to register a fingerprint data. You need to enter at least two fingerprint data.

Setting up your password

To set up your password:

1. Click > **Control Panel** > **ASUS Security Protect Manager**.
2. From the **Settings and Options** list, then **Multifactor Authentication**.
3. Select the **Credentials** tab, then **Password Authentication**.
4. Tap **Register** to launch the **ASUS Security Protect Manager Registration Wizard** appears.
5. Follow the onscreen instructions to set up your password.

Specifying a log-on category

You can specify if you want to use your registered fingerprint data or password, or both, to log on to Windows and other applications.

To specify a log-on category:

1. Click > **Control Panel** > **ASUS Security Protect Manager**.
2. From the **Settings and Options** list, select **Multifactor Authentication**.
3. From the **Policies** tab, select your log-on category.
4. Click **Apply** to save the settings.

Configuring the ASUS Protect Manager

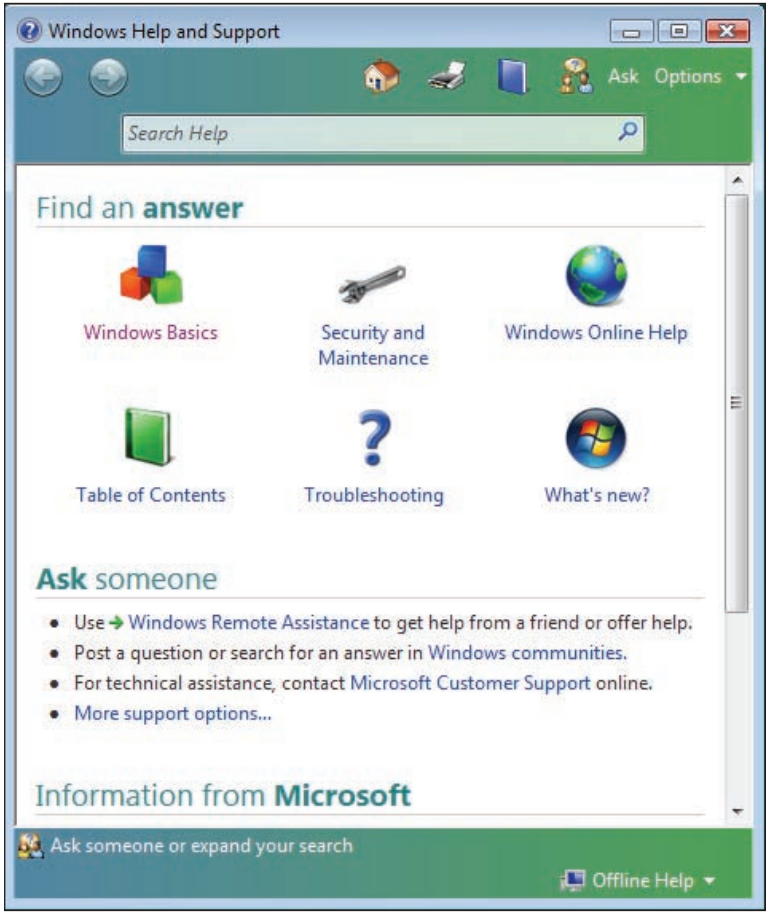
To configure the ASUS Protect Manager:

1. Click > **Control Panel** > **ASUS Security Protect Manager**.
2. From the **Settings and Options** list, select **General Options**.
3. Select your preferred options.
4. Click **Apply** to save the settings.

Getting Windows® Help and Support

Windows® Help and Support provides you with guides and answers in using the applications in Windows® Vista platform.

To launch Windows® Help and Support, go to > **Help and Support**.



3 Multimedia features

In this chapter

- Using the Windows® Media Center
- Using the camera

Using the Windows® Media Center

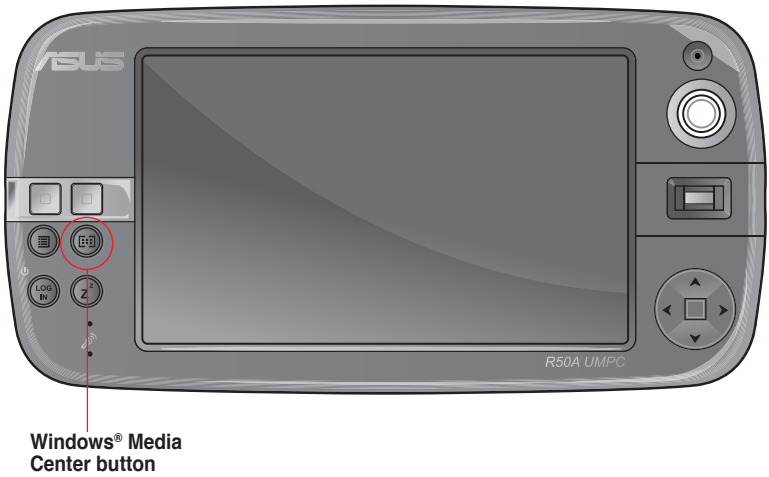
Windows® Media Center is a media application which allows you to use your UMPC as a hub for your home-entertainment system. It allows you to watch or record live TV; view photos and video clips; listen to music; burn CDs and DVDs; or watch/listen to streaming files, such as movies or music files, from the Internet.

To use the Windows Media Center:

1. Connect your UMPC to an external monitor.

NOTE: Refer to the section **Connecting an external monitor** in Chapter 1 of this user manual.

2. Click > **All Programs** > **Windows Media Center**, or press the Windows Media Center button.



Windows® Media Center button

NOTE: For more details on the other features of Windows Media Center, refer to **Windows Help and Support**.

Using the camera

The 2.0 megapixel camera enables you to take photos and video clips, as well make audio/voice recordings.

Camera button

Launching the camera

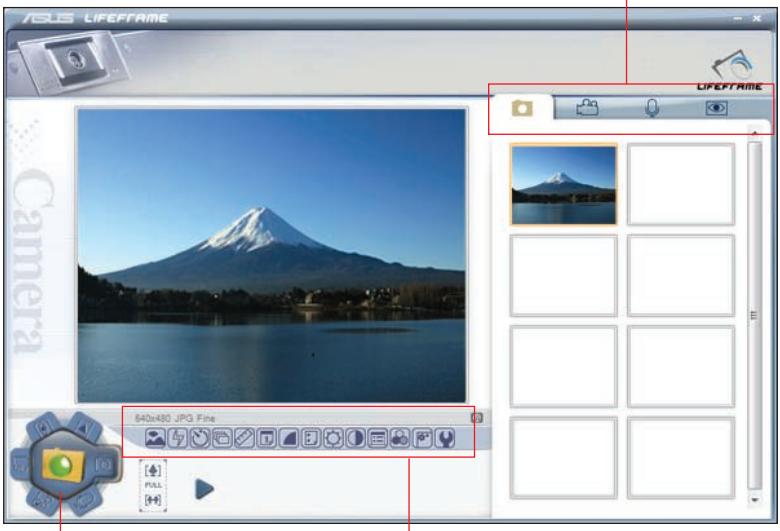
To take photos or videos, do any of the following:

- Press the camera button located on top of your UMPC.
- Click > **All Programs** > **ASUS Utility** > **LifeFrame**.

To exit the camera function, tap the Exit icon on the camera screen.

Camera features

Tap any of the tabs to view the thumbnails of existing photos, video clips or voice recordings.



Tap any of the icons to set the capture mode. Refer to the table on the next page for the capture modes.

Tap any of the icons to personalize your photos. For more details on these icons, refer to the next pages.

Available capture modes

Set your UMPC's camera feature to any of these capture modes:

Icon	Capture mode	Description
	Monitor	Use this mode for video conferencing.
	Preview	Use this mode to preview photos, video clips, audio/video recordings, or recorded video conferences.
	Camera	Use this mode to take photos.
	Voice recorder	Use this mode for audio/video recording.
	Silent camcorder	Use this mode if you want to take videos without any camera sounds such as shutter sound.
	Camcorder	Use this mode to take videos.

Taking photos

To take a photo:

1. Launch the Camera application.
2. Tap to set the capture mode to Camera mode.
3. Aim your UMPC at your subject, then press the camera button.
4. Repeat step 3 to take more photos.

NOTE: By default, the photo is automatically saved to the LifeFrame folder at **C:// Users/Your User Name/Documents/ASUS/LifeFrame/Image**.

Configuring the camera settings

Use the following camera setting icons to configure the camera settings:

Icon	Description
	Shooting mode Tap to set to any of these shooting modes: **Night Scene**, **Portrait**, **Slow Shutter**, and **Custom**.
	Flash Tap to turn the flash mode on/off.
	Timer Tap to set the timer to 5 or 10 seconds, or tap to turn off the timer.
	Continuous Shoot Tap this icon to create a seamless effect when taking successive photos.
	Resolution Tap to set the screen resolution to **160 x 120**, **176 x 240**, **320 x 240**, **352 x 288**, or **640 x 480**.
	Date Tap to set the date stamp format that you want to add to your photo.
	JPG Quality If your photo is a .jpg file, tap this icon to set the jpg quality to **Good**, **Fine**, or **Normal**.
	Image File Type Tap this icon to set the photo's file type to **BMP**, **JPG**, **GIF**, **PNG**, or **TIFF**.
	Brightness Tap to set the level of brightness.
	Contrast Tap to set the contrast level.
	Default Tap this icon to restore the camera settings to its default values.
	Filter Tap to add filter effects to your photo.
	Frame Tap to add frame effects to your photo.
	Advanced Settings Tap to configure the advanced settings.

Using the Preview mode

Use the preview mode to preview stored photos, and playback video clips, audio/voice recordings, or video conferences.

To use the Preview mode:

1. Launch the Camera application.
2. Tap to set the mode to Preview mode.
3. Tap any of the tabs to preview photos, and playback video clips, audio/voice recordings, or video conferences.

   - Tap the Camera tab to display the stored photos. The Camera tab is the default tab.
   - Tap the Video tab to display the stored video clips.
   - Tap the Audio tab to display the stored audio/voice recordings.
   - Tap the Monitor tab to display the stored video conferences.

4. Tap the playback buttons to navigate to the next or previous items.

   You can add effects, or undo editing changes to your photos, and delete/email your photos from the Preview mode.

TO	DO THIS
Apply a filter effect to a photo	Tap the photo that you want to apply a filter effect to, then tap and then select the filter effect.
Apply a frame to a photo	Tap the photo that you want to apply a framed effect to, then tap and then select the frame.
Change the color of the pen/editing stroke	Tap and then select the color. Draw text or symbols on the photo that you want to edit.
Add stamp to a photo	Tap the photo that you want to add a stamp to, then tap and then select the stamp.
Undo editing changes	Right-click on the photo you had just edited, then select **Undo**.
Print a photo	Right-click on the photo that you want to print, then tap **Print**.
Set a photo as the desktop background	Right-click on the photo that you want to use as the desktop background, then tap **Set as Desktop Background**.
Copy a photo to another folder	Right-click on the photo that you want to copy to another folder, then tap **Copy To**.

4 Getting connected

In this chapter

- Using Bluetooth
- Using a 3G SIM card
- Using GPS
- Connecting to a wireless network

Using Bluetooth®

Bluetooth® is a short-range wireless technology that allows your UMPC to communicate with other Bluetooth-enabled devices, such as PCs, mobile devices, headsets, GPS receivers, and headset, within a short range of about 10 meters or 30 feet. Bluetooth® devices only need to be within the specified range to exchange information and the devices do not need any physical connection.

NOTE: By default, Bluetooth function is turned off on your UMPC.

Setting up a Bluetooth connection

Your UMPC is equipped with a built-in Bluetooth® transceiver. Before your UMPC can communicate with another device, you need to create a Bluetooth connection between your UMPC and the other Bluetooth-enabled device.

To set up a Bluetooth connection with other devices:

1. Ensure that both your UMPC and the other device are within close range and are both set to discoverable.

IMPORTANT: To make the other device discoverable, refer to its user manual.

2. From the **Devices** tab, click **Add**. Select **My device is set up and ready to be found**.
3. Click **Next** to start searching for other Bluetooth devices.
4. From the list of available Bluetooth devices, select the device you want to connect to, then click **Next**.
5. Enter a passkey between 8 to 16 digits on your UMPC, and click **Next**.

NOTE: Some Bluetooth devices comes with a built-in passkey. Refer to the device's user manual for the passkey.

6. Enter the same passkey on the other device.
7. Click **Finish** when done.

NOTE: Once you have created a Bluetooth connection between your UMPC and another device, the devices need not be discoverable to beam information between them. Bluetooth® needs only to be turned on.

Adding other Bluetooth-enabled devices

You may use peripherals such as a Bluetooth printer, mouse, or keyboard with your UMPC.

To add other Bluetooth-enabled devices:

1. From the **Devices** tab, click **Add**. The **Add Bluetooth Device Wizard** appears. Select **My device is set up and ready to be found**.
2. Click **Next** to start searching for other Bluetooth devices.
3. From the list of available Bluetooth devices, select the device you want to use with your UMPC, then click **Next**.
4. Select **Don't use a passkey** and click **Next** to add the device.
5. Click **Finish** when done.

IMPORTANT: Depending on the model, your UMPC may or may not include a built-in Bluetooth transceiver.

Using a 3G SIM card (optional)

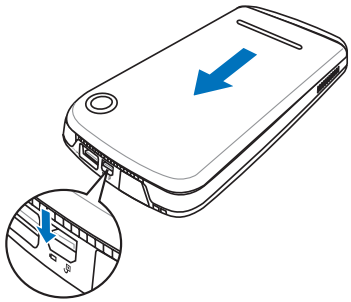
Your UMPC allows you to install a 3G SIM card into your device, which enables you to wirelessly connect to the Internet so you can check your e-mail messages, surf the Internet, or chat online; and make and receive calls using a Bluetooth headset.

IMPORTANT: Depending on the model, your UMPC may or may not include a 3G SIM card slot. Check your UMPC model if it contains the 3G SIM card slot.

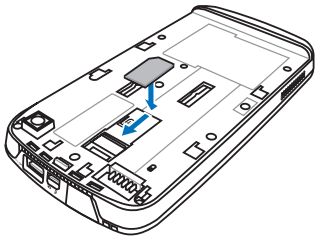
Installing a 3G SIM card

To install a 3G SIM card:

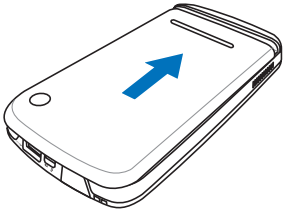
1. Press down the battery latch, then remove the battery pack.



2. Insert the 3G SIM card with its gold contacts facing down and the notched corner oriented to the upper right corner of the slot as shown.



3. Replace the battery pack.



Activating your 3G SIM card

After installing the 3G SIM card into your UMPC, you first need to activate the 3G SIM card via the 3G Watcher application.

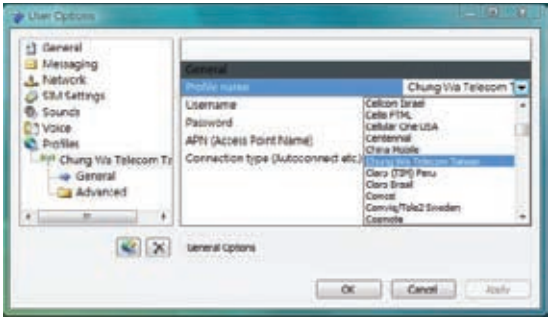
To activate your 3G SIM card:

1. Launch the 3G Watcher application. To do this, do either of the following:
   - Click > **3G Watcher**.
   - From the taskbar, double click the 3G Watcher icon .

If your 3G SIM card has a default passkey, a pop-up window appears asking for your SIM card passkey.

2. From the 3G Watcher main screen, click **Tools** > **Options**.

2. Click **Settings**. From the dropdown list, select your mobile service provider, then click **Yes**. The 3G Watcher returns to its main screen.



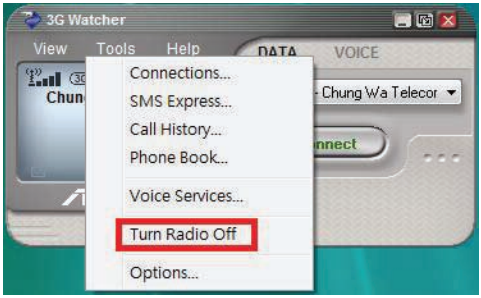
3. Click **Connect** to start the wireless connection.

4. The 3G Watcher displays the connection status. You may start to surf the Internet, or check your e-mail messages.

Switching on/off your wireless connection

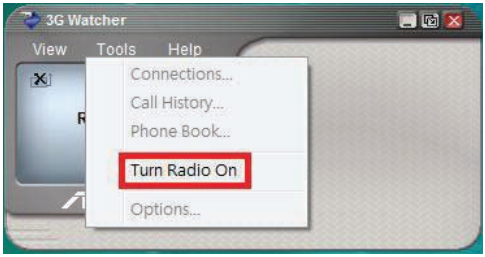
To switch off your wireless connection:

- From the 3G Watcher main screen, click **Tools** > **Turn Radio Off**.



To switch on your wireless connection:

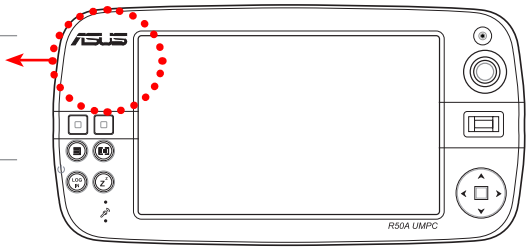
- From the 3G Watcher main screen, click **Tools** >**Turn Radio On**.



Using GPS

Your UMPC comes with a built-in GPS transceiver and acts as a GPS device with its GPS function.

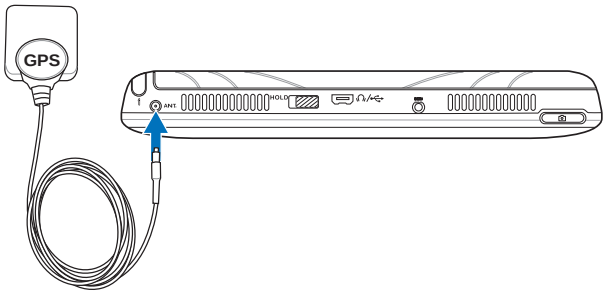
CAUTION: DO NOT cover this area. It may interfere with the GPS signal.



Installing an external GPS antenna (optional)

We recommend that you install an external GPS antenna to get the best GPS signal reception.

NOTE: Keep the external GPS antenna in a cool place when it is not in use.



Setting up the GPS function:

To set up the GPS function:

1. Select > **ASUSMAP GPS**.
2. Select **COM2** in the GPS Interface field and **4800** in the Baudrate field, then click **OK**.
3. Click **xxx**. The Position mode launches. The position state appears on the upper right corner of the screen: **? In progress**, **X Fail**, **Tick Finished**.
4. Check GPS signal, search for maps, and other GPS-related functions.

Connecting to a wireless network

With its wireless function, your UMPC allows you to wirelessly connect to a network.

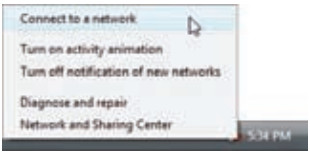
To connect to a wireless network:

NOTE: Ensure that a wireless adapter is installed or plugged in your UMPC.

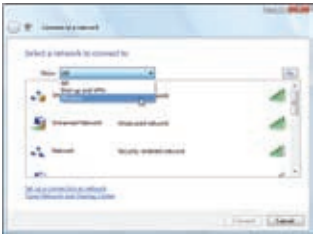
1. Double click the Wireless Console icon on the taskbar and select any of these icons:

Icon	Function
	Click to activate both wireless and Bluetooth functions.
	Click to activate the Wireless function only.
	Click to activate the Bluetooth function only.

2. Right-click the WLAN icon and select **Connect to a network**.


Connect to a network
Turn on activity animation
Turn off notification of new networks
Diagnose and repair
Network and Sharing Center

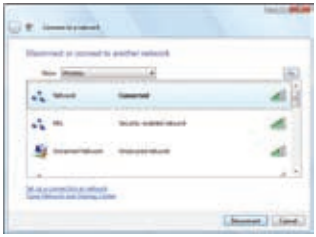
4. Select **Show Wireless** if you have many networks in your area.



4. Select the wireless network that you want to connect to.

5. When connecting, you may have to key in a password.

5. After establishing a successful connection, the connection status is displayed.



5 Troubleshooting

In this chapter

- Troubleshooting

Troubleshooting

How can I turn off my UMPC when it hangs?

Press the Power button for four to six seconds.

What can I do when I cannot turn on my UMPC?

1. Check if the battery is correctly installed and if the AC adapter is correctly connected.

2. Check the HOLD key. Check if the keys are locked or not.

What should I do when water gets into my UMPC?

1. Do not turn on your UMPC.

2. Disconnect the adapter immediately and remove the external devices such as ODD, floppy, or storage devices.

3. Dry your UMPC with a dry, clean cloth.

4. Contact a qualified service technician immediately.

Cannot recover the system.

Possible reasons:

1. Externall storage device/memory data being saved in the wrong place.

2. External devices such as USB, Compact Flash, MMC, or Smart Media devices, are not compatible with your UMPC.

3. Applications/drivers are not compatible with your UMPC, such as installing Windows 98 application on Windows XP OS.

4. Operating System (OS) problem management: ACPI (Advanced Configuration and Power Interface) managed by OS.

Possible solutions to recovering the system:

1. Uninstall peripheral devices and their drivers.
2. Update the BIOS.
3. Update the drivers.
4. Uninstall the unneccessary applications.
5. Reinstall the OS.
6. Contact a qualified service technician.

How to extend the battery life.

1. Adjust the LCD brightness.
2. Adjust the volume.
3. Activate the power saving mode.

Appendices

In this chapter

- Notices
- ASUS Contact information

Notices

Federal Communications Commission Statement

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING! The use of a shielded-type power cord is required in order to meet FCC emission limits and to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used. Use only shielded cables to connect I/O devices to this equipment. You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

(Reprinted from the Code of Federal Regulations #47, part 15.193, 1993. Washington DC: Office of the Federal Register, National Archives and Records Administration, U.S. Government Printing Office.)

WLAN and GSM/CDMA

The UMPC only support WLAN and GSM/CDMA functions. It does not support voice transmission function.

Australia SAR requirements

When using a wireless LAN or GSM/WCDMA adapter, the adapter and integrated antenna shall be positioned not more than 20 cm from your body or nearby persons during the duration of the GSM/WCDMA transmission.

Declaration of Conformity (R&TTE directive 1999/5/EC)

The following items were completed and are considered relevant and sufficient:

- Essential requirements as in [Article 3]
- Protection requirements for health and safety as in [Article 3.1a]
- Testing for electric safety according to [EN 60950]
- Protection requirements for electromagnetic compatibility in [Article 3.1b]
- Testing for electromagnetic compatibility in [EN 301 489-1] & [EN 301]
- Testing according to [489-17]
- Effective use of the radio spectrum as in [Article 3.2]
- Radio test suites according to [EN 300 328-2]

CE Mark Warning

This is a Class B product, in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

IC Radiation Exposure Statement for Canada

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with IC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting. End users must follow the specific operating instructions for satisfying RF exposure compliance.

Operation is subject to the following two conditions:

- This device may not cause interference and
- This device must accept any interference, including interference that may cause undesired operation of the device.

To prevent radio interference to the licensed service (i.e. co-channel Mobile Satellite systems) this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

Because high power radars are allocated as primary users (meaning they have priority) in 5250-5350 MHz, these radars could cause interference and/or damage to license exempt LAN devices.

Wireless Operation Channel for Different Domains

N. America	2.412-2.462 GHz	Ch01 through CH11
Japan	2.412-2.484 GHz	Ch01 through Ch14
Europe ETSI	2.412-2.472 GHz	Ch01 through Ch13

France Restricted Wireless Frequency Bands

Some areas of France have a restricted frequency band. The worst case maximum authorized power indoors are:

- 10mW for the entire 2.4 GHz band (2400 MHz–2483.5 MHz)
- 100mW for frequencies between 2446.5 MHz and 2483.5 MHz

NOTE: Channels 10 through 13 inclusive operate in the band 2446.6 MHz to 2483.5 MHz.

There are few possibilities for outdoor use: On private property or on the private property of public persons, use is subject to a preliminary authorization procedure by the Ministry of Defense, with maximum authorized power of 100mW in the 2446.5–2483.5 MHz band. Use outdoors on public property is not permitted.

In the departments listed below, for the entire 2.4 GHz band:

- Maximum authorized power indoors is 100mW
- Maximum authorized power outdoors is 10mW

Departments in which the use of the 2400–2483.5 MHz band is permitted with an EIRP of less than 100mW indoors and less than 10mW outdoors:

01	Ain Orientales	02	Aisne	03	Allier
08	Ardennes	09	Ariège	11	Aude
16	Charente	24	Dordogne	25	Doubs
32	Gers	36	Indre	37	Indre et Loire
45	Loiret	50	Manche	55	Meuse
59	Nord	60	Oise	61	Orne
64	Pyrénées Atlantique	66	Pyrénées	67	Bas Rhin
70	Haute Saône	71	Saône et Loire	75	Paris
84	Vaucluse	88	Vosges	89	Yonne
94	Val de Marne	41	Loir et Cher	82	Tarn et Garonne
05	Hautes Alpes	58	Nièvre	90	Territoire de Belfort
12	Aveyron	63	Puy du Dôme		
26	Drôme	68	Haut Rhin		

This requirement is likely to change over time, allowing you to use your wireless LAN card in more areas within France. Please check with ART for the latest information (www.art-telecom.fr)

NOTE: Your WLAN Card transmits less than 100mW, but more than 10mW.

UL Safety Notices

Required for UL 1459 covering telecommunications (telephone) equipment intended to be electrically connected to a telecommunication network that has an operating voltage to ground that does not exceed 200V peak, 300V peak-to-peak, and 105V rms, and installed or used in accordance with the National Electrical Code (NFPA 70).

When using the UMPC modem, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- **Do not use** the UMPC near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
- **Do not use** the UMPC during an electrical storm. There may be a remote risk of electric shock from lightning.
- **Do not use** the UMPC in the vicinity of a gas leak.

Required for UL 1642 covering primary (non-rechargeable) and secondary (rechargeable) lithium batteries for use as power sources in products. These batteries contain metallic lithium, or a lithium alloy, or a lithium ion, and may consist of a single electrochemical cell or two or more cells connected in series, parallel, or both, that convert chemical energy into electrical energy by an irreversible or reversible chemical reaction.

- **Do not** dispose the UMPC battery pack in a fire, as they may explode. Check with local codes for possible special disposal instructions to reduce the risk of injury to persons due to fire or explosion.
- **Do not** use power adapters or batteries from other devices to reduce the risk of injury to persons due to fire or explosion. Use only UL certified power adapters or batteries supplied by the manufacturer or authorized retailers.

Power Safety Requirement

Products with electrical current ratings up to 6A and weighing more than 3Kg must use approved power cords greater than or equal to: H05VV-F, 3G, 0.75mm^2 or H05VV-F, 2G, 0.75mm^2.

Nordic Lithium Cautions (for lithium-ion batteries)

CAUTION! Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions. (English)

ATTENZIONE! Rischio di esplosione della batteria se sostituita in modo errato. Sostituire la batteria con un una di tipo uguale o equivalente consigliata dalla fabbrica. Non disperdere le batterie nell'ambiente. (Italian)

VORSICHT! Explosionsgetahr bei unsachgemäßen Austausch der Batterie. Ersatz nur durch denselben oder einem vom Hersteller empfohlenem ähnlichen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers. (German)

ADVARSELI! Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Levér det brugte batteri tilbage til leverandøren. (Danish)

VARNING! Explosionsfara vid felaktigt batteribyte. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion. (Swedish)

VAROITUS! Paristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan sousittelemaan tyyppiin. Hävitä käytetty paristo valmistagan ohjeiden mukaisesti. (Finnish)

ATTENTION! Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du mêre type ou d'un type équivalent recommandé par le constructeur. Mettre au rebut les batteries usagées conformément aux instructions du fabricant. (French)

ADVARSEL! Eksplosjonsfare ved feilaktig skifte av batteri. Benytt samme batteritype eller en tilsvarende type anbefalt av apparatfabrikanten. Brukte batterier kasseres i henhold til fabrikantens instruksjoner. (Norwegian)

標準品以外の使用は、危険の元になります。交換品を使用する場合、製造者に指定されるものを使って下さい。製造者の指示に従って処理して下さい。

(Japanese)

ASUS Contact information

ASUSTeK COMPUTER INC. (AsiaPacific)

Address	15 Li-Te Road, Peitou, Taipei, Taiwan 11259
Website	www.asus.com.tw

Technical Support

Telephone	+886228943447
Support Fax	+886228907698
Software download	support.asus.com*

ASUS COMPUTER INTERNATIONAL (America)

Address	800 Corporate Way, Fremont, CA 94539, USA
Telephone	+15029550883
Fax	+15029338713
Website	usa.asus.com
Software download	support.asus.com*

ASUS COMPUTER GmbH (Germany and Austria)

Address	Harkort Str. 25, D40880 Ratingen, Germany
Telephone	+49210295990
Fax	+492102959911
Online contact	www.asus.com.de/sales

Technical Support

Telephone	+49210295990
Fax	+492102959911
Online support	www.asus.com.de/support
Website	www.asus.com.de/news

* Available on this site is an online Technical Inquiry Form that you can fill out to contact technical support.